

# sensor IM18-08NPS-ZW1

URL:<https://www.sxplc.com/sensor-im18-08nps-zw1>

## Product data sheet

Design and construction Metric design Housing shape Standard construction Thread size M18 x 1 Ø 18 mm Sensing distance Sn 8 mm Mounted on metal Non-flush Switching frequency 600 Hz Connection type Cable, 3-core, 2 m Switching output PNP output function Normally open contact Electrical specifications DC 3-wire Enclosure protection class IP67 1) 1) According to EN 60529.

Mechanical/electronic parameters Supply voltage 10 V DC ... 30 V DC residual ripple  $\leq 10\%$  Voltage drop  $\leq 1\text{ V}$  1) (Proximity sensor) Delay before starting operation after power-on  $\leq 100\text{ ms}$  Hysteresis 2 % ... 10 % reproducibility  $\leq 2\%$  2) 3) Temperature drift (Sr)  $\pm 10\%$  electromagnetic compatibility according to EN 60947-5-2

